

Revolving role-plays

Team members' names: _____ Date: _____

Description

In this activity you are role-playing what an observer on the Earth might see based on how the Sun, Moon and Earth move.

Equipment

- 1 torch
- 1 world globe or soccer ball with map of Australia attached
- 'Role-play observations' (Resource sheet 5)
- 1 softball or tennis ball
- 1 clipboard with pen

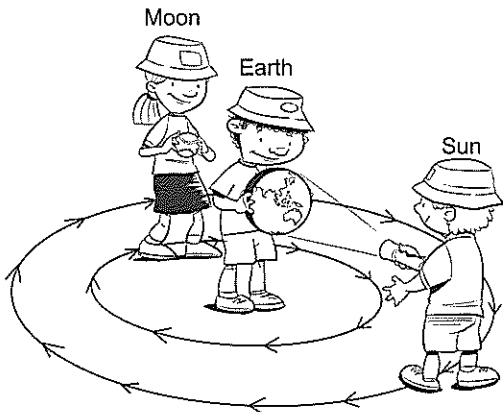
Preparation

- **Manager:** Collect a torch for the Director, a world globe/soccer ball, a clipboard, a pen and 'Role-play observations' (Resource sheet 5) for the Speaker, and a softball or tennis ball for yourself. You will role-play the Moon.
- **Director:** Find an area for the group with enough room for the 'Moon' and 'Sun' to walk around the 'Earth'. You will role-play the Sun.
- **Speaker:** You will role-play the Earth and observe which direction the Sun and Moon appear from in Australia.

Steps

1. Role-play the claim 'The Earth stays still while the Sun and the Moon move around clockwise remaining on opposite sides of the Earth' (see diagram).
2. Continue the role-play until the Speaker ('Earth') has observed which direction the 'Sun' and 'Moon' rose and set in Australia.
3. Swap roles and repeat the role-play until everyone has had a turn.
4. Discuss the observations and record them in 'Role-play observations' (Resource sheet 5).
5. Repeat steps 1–4 for the next claim.

If there is time, make up your own claims to role-play, for example, 'The Earth stays still, the Sun moves anticlockwise and the Moon moves clockwise'.



Starting the role-play for the claim—'The Earth stays still while the Sun and Moon move clockwise around it'

Role-play observations

Team members' names: _____ Date: _____

Claim role-played			Observations
Earth: Still	Sun: Moves clockwise	Moon: Moves clockwise	The Sun rose in the _____ and set in the _____. The Moon rose in the _____ and set in the _____.
Earth: Rotates anti-clockwise	Sun: Still	Moon: Moves anti-clockwise	
Earth:	Sun:	Moon:	
Earth:	Sun:	Moon:	